

third announcement

14th World Meeting on Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology

Vienna, Austria

18 - 21 March 2024

including short talk session

PBP

WORLD MEETING

in combination with

R_{esearch}P_{harm}[®]

International Exhibition for R&D



www.worldmeeting.org

14th World Meeting on Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology

Vienna, Austria, 18 - 21 March 2024

In continuation of the very successful scientific meetings in Budapest, Paris, Berlin, Florence, Geneva, Barcelona, Malta, Istanbul, Lisbon, Glasgow, Granada, Rotterdam and due to the COVID crisis in 2021 in a virtual format, the 14th World Meeting on Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology will be held in Vienna, Austria in 2024.

This conference has gained an ever increasing impact among the pharmaceutical scientists: With more than 1000 submitted abstracts and more than 1300 participants (before COVID crisis) it has become a well-established major meeting attracting scientists from all over the world. It is organized every two years, in March or April of the even years.

The entire spectrum of topics ranging from engineering aspects of the manufacturing process, the portfolio of commercially available excipients enabling formulation of a large variety of medicinal products, the underlying physico-chemical principles, cutting-edge characterization techniques as well as potential pitfalls and hurdles to be overcome during product development, manufacturing and characterisation will be addressed.

The conference will be held on 3.5 days: from Monday (noon) until Thursday (evening). From Tuesday to Thursday, 4 parallel sessions with oral presentations will be held:

2 sessions on industry-related topics, presented by distinguished invited speakers, giving overviews on the current state of the art in the respective fields

2 sessions with short talks selected from submitted abstracts, presenting the latest research findings in the broad field of Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology.

During the entire conference, the accompanying exhibition ResearchPharm® provides a cross-disciplinary platform for pharmaceutical scientists working in all fields of drug development in industry, academia and regulatory bodies. This exhibition is steadily growing and offers the possibility to present and learn about the newest trends and products in the area of pharmaceutical ingredients, developing and processing equipment, analytical technologies, medicinal products, medical devices and contract manufacturing.

In addition, young and experienced scientists from academia and industry will present their latest research achievements in the form of poster presentations, allowing for fruitful scientific exchanges with the authors.

The meeting is intended to bring together people working in fundamental and applied academic research, in the chemical and pharmaceutical industry and the regulatory field, offering the opportunity to initiate fruitful discussions and collaborations.

The organising committee cordially invites you to join the 14th World Meeting and would be glad to welcome you in Vienna, Austria!

Paolo Caliceti
President ADRITELF



Juergen Siepmann
President APGI



Joerg Breitkreutz
President APV



Participating societies



APIS Academy of Pharmaceutical Sciences

EASP Estonian Academical Society of Pharmacy



Società Chimica Italiana
Divisione di Tecnologia Farmaceutica



ÖSTERREICHISCHE PHARMAZEUTISCHE GESELLSCHAFT



Scientific programme

Monday, 18 March 2024

13:00 – 13:45	Opening Ceremony	Exhibition
13:45 – 14:45	Key note lecture	
14:45 – 15:30	Coffee break	
15:30 – 17:30	Hot topic lectures	
17:30 – 19:00	Welcome Reception	

Key note lecture

- 13:45 - From graduate student to research scientist
14:45 - moving a technology to commercialization:
KinetiSol Dispersing
Bill Williams, University of Texas, USA

14:45 - 15:30 Coffee break/exhibition

Hot topic session

- 15:30 - Challenges with Ex-Vivo CAR-T cell therapies and
16:10 outlook into next generation In-Vivo concepts
Sabine Desset-Brethes, Novartis, Switzerland
- 16:10 - Sustainability challenges and solutions over the life-
16:50 cycle of medicines
Tiina Sikanen, University of Helsinki, Finland
- 16:50 - Advancing artificial intelligence tools in drug
17:30 formulation development
Brendan Griffin, Univeristy of Cork, Ireland

17:30 - 19:00 Welcome reception

Tuesday, 19 March 2024

09:00 – 11:00	Invited talks	Short talks	Posters	Exhibition
11:00 – 11:30	Coffee break			
11:30 – 12:00	Award session			
12:00 – 13:00	Plenary lecture			
13:00 – 15:00	Lunch			
15:00 – 17:00	Invited talks	Short talks		

Invited talks: Excipients: innovation, regulation, sustainability

- 09:00 - Overview on sustainability supply of lipid-based
09:40 excipient
Laurent Schubnel, Gattefossé, France
- 09:40 - Hilopro - a high concentration, low viscosity ,
10:20 subcutaneous mAb delivery platform
Sathyabalan Murugesan, Bhami Research Laboratory, India
- 10:20 - Development of excipient monographs from a
11:00 manufacturer's perspective
Michael Radius, Lipoid, Germany

Invited talks: What's new in nanotechnology and drug targeting?

- 09:00 - Harnessing hyaluronic acid-conjugates for
09:40 improved glioblastoma local immunotherapy
Alessio Malfanti, University of Padova, Italy
- 09:40 - Langerhans cell targeting via the skin for immune
10:20 modulation
Robert Wawrzinek, Cutanos, Austria
- 10:20 - Extracellular vesicles for drug delivery
11:00 Florence Gazeau, University Paris Diderot, France

Short talks: Pharmaceutical manufacturing and engineering

- 09:00 - Downstream processing and in vivo assessment
09:20 of amorphous Abiraterone Acetate Dispersome®
formulations
Jumana Merchant, Zerion Pharma A/S, Copenhagen, Denmark
- 09:20 - Microdynamic flowability: a novel approach to
09:40 powder flow analysis
David Blanco, University of Helsinki, Finland
- 09:40 - Potentialities of lipid-based microspheres and
10:00 microcapsules obtained by prilling in the field of
personalized dosing
Claire Delmas, Université Paris Saclay, France
- 10:00 - FDmix - a flow-optimized nanoparticle
10:20 manufacturing platform across all flow ranges
Bernhard Bobusch, FDX Fluid Dynamics, Berlin, Germany
- 10:20 - Fill finish operation and protein aggregation - what
10:40 can we learn from a small scale?
Milica Stankovic-Brandl, Research Center Pharmaceutical Engineering GmbH, Graz, Austria
- 10:40 - Process characterization of freezing and thawing in
11:00 drug substance bottles – a case study
Sarah Peláez, ten23 health, Basel, Switzerland

Short talks: Advanced Drug Delivery Systems

- 09:00 - Enkephalins and enkephalinase inhibitors in
09:20 squalene nanoparticles: a synergistic approach for
chronic pain treatment
Lucas Prades, University of Paris Saclay, France
- 09:20 - Electrospun nanofibers for ocular drug delivery
09:40 Finnya Nienau, Martin-Luther-University Halle-
Wittenberg, Germany
- 09:40 - Expandable gastroretentive system for effective
10:00 management of diabetes
Marco Ubaldi, University of Milano, Italy
- 10:00 - 3D Printed dual-mechanism drug delivery device:
10:20 merging convection-enhanced and iontophoretic
delivery methods
Hanxiang Li, University College London, United Kingdom
- 10:20 - Injectable thermosensitive hydrogel for local and
10:40 controlled delivery of siRNA polyplexes to ovarian
cancer ascites
Cristina Casadidio, Univeristy of Utrecht, Univeristy of Camerino, The Netherlands/Italy
- 10:40 - Enzyme-responsive NPs: Enhancing endolysins'
11:00 ability to eradicate Staphylococcus aureus biofilm
Mariana Blanco Massani, University of Innsbruck, Austria

11:00 - 11:30 Coffee break/exhibition/posters

11:30 - 12:00 APV award session

Plenary lecture

12:00 - 3D-Bioprinted cancer models for target discovery,
13:00 drug development, and personalized therapy
Ronit Satchi-Fainaro, Cancer Biology Research
Center, Tel Aviv University, Israel

13:00 - 15:00 Lunch break/exhibition/posters

Invited talks: Innovative manufacturing procedures

15:00 - End-to-end mechanistic and hybrid models
15:40 of integrated and continuous pharmaceutical
manufacturing processes
Edward Close, Siemens, France

15:40 - 3D Printing for advanced drug delivery
16:20 Atheer Awad, University of Hertfordshire, UK

16:20 - Digital pharmaceuticals – case studies of how it can
17:00 support formulation development
Martin Kuentz, University of Applied Sciences & Arts
Northwestern Switzerland, Switzerland

Invited talks: Delivery of proteins and peptides

15:00 - Development of inhaled proteins
15:40 Nathalie Heuzé-Vourc'h, INSERM, Research Center
for Respiratory Diseases, France

15:40 - Stability of antibody drugs on the rocky road from
16:20 the hospital pharmacy to the oncology ward
Hristo Svilenov, University of Ghent, Belgium

16:20 - The boon and bane of polysorbate 20/80 for
17:00 protein formulations: current status
Patrick Garidel, Boehringer Ingelheim, Germany

Short talks: Modelling and simulation

15:00 - Molecular dynamics simulations of drugs
15:20 solubilization into mixed bile salt/phospholipid
micelles
Fatmegyul Mustan, University of Sofia, Bulgaria

15:20 - Machine Learning-Assisted System of Models
15:40 for Optimization of Directly Compressed Tablets
Development Processes
Mohammad Salehian, University of Strathclyde,
Glasgow, United Kingdom

15:40 - CFD modeling of the hydrodynamics in the flow-
16:00 through dissolution apparatus (USP 4)
Pracha Bunyawachakul, Srinakharinwirot University,
Nakhonnayok, Thailand

Short talks: Continuous manufacturing

16:00 - Novel Concepts for Processing an Automation of
16:20 Pharmaceutical End-to-End Manufacturing
Lisa Kuchler, Research Center Pharmaceutical
Engineering GmbH, Graz, Austria

16:20 - Integrated continuous twin-screw granulation -
16:40 process investigation, scale-up and monitoring with
artificial neural network-based soft sensors
Petra Záhonyi, Budapest University of Technology
and Economics, Budapest, Hungary

16:40 - Evaluating the benefits of continuous wet
17:00 granulation process, not requiring a subsequent
drying step
Thorsten Cech, BASF SE, Ludwigshafen, Germany

Short talks: Nanoparticles and Vesicles I

15:00 - Innovative siRNA-based lipid nanoparticles
15:20 decorated with PEG alternatives (PNVP
and PNMVA) to circumvent dilemma and
immunogenicity
Manon Berger, University of Liege, Belgium

15:20 - Ovarian accumulation of nanosized drug delivery
15:40 systems – what matters?
Henrike Lucas, Martin-Luther-University Halle-
Wittenberg, Germany

15:40 - Structural Insights, Uptake Mechanisms and
16:00 Stability of Nanostructured Lipid Carriers for
Advanced Drug Delivery
Ramona Jeitler, University of Graz, Austria

16:00 - Mucosa penetrating peptide functionalized
16:20 liposomes for local drug delivery to the
esophagus
Silvia Franzè, University of Milan, Italy

16:20 - Controlling PEG-b-PTMC Polymersome Size
16:40 through Microfluidic-Assisted Self-Assembly:
Advancing the Understanding of Polymersomes
Self-Assembly Mechanisms
Angela Mutschler, University of Bordeaux, France

16:40 - Cholesterol-Modified Hyaluronic Acid Nanogels for
17:00 Solubility Enhancement and Sustained Release
Takashi Nakai, Asahi Kasei Corp., Fuji-Shu, Japan

Wednesday, 20 March 2024

09:00 – 11:00	Invited talks	Short talks	Posters	Exhibition
11:00 – 11:30	Coffee break			
11:30 – 12:00	Award session			
12:00 – 13:00	Plenary lecture			
13:00 – 15:00	Lunch			
15:00 – 17:00	Invited talks	Short talks		
20:00 – 00:00	Gala dinner at the Hofburg			

Invited talks: Innovations in oral drug delivery

09:00 - Amorphous solid dispersion release mechanisms
09:40 Lynne Taylor, Purdue University, USA

09:40 - Oral delivery of systemic monoclonal antibodies,
10:20 peptides and small molecules using gastric auto-
injectors
Alex Abramson, Georgia Institute of Technology, USA

10:20 - Oral delivery and intestinal targeting of therapeutic
11:00 nucleic acids
Caitriona O'Driscoll, University of Cork, Ireland

Invited talks: Parenteral controlled drug delivery

09:00 - Noninvasive in vitro and in vivo monitoring of
09:40 parenteral controlled release DDS
Karsten Maeder, University of Halle, Germany

09:40 - Changing the rules in the tumor microenvironment.
10:20 Developing and delivering nanoparticle catalysts to
growing tumors
Jesús Santamaría Ramiro, University of Zaragoza,
Spain

- 10:20 - Injectable hydrogels for ocular drug delivery
11:00 Tina Vermonden, University of Utrecht, The Netherlands

Short talks: Paediatric drug delivery

- 09:00 - Hazzle-Free Pediatric Pain Treatment via
09:20 Personalized Inkjet-Printed Temporary Tattoos
Martin Spörk, Graz University of Technology, Graz, Austria
- 09:20 - Towards a standard vehicle toolbox: development
09:40 and verification of standard vehicles for compatibility studies with oral paediatric drug products
Carolin Eckert, University of Greifswald, Germany
- 09:40 - Development of an oral solution of vinorelbine
10:00 to protect the oral mucosa during paediatric administration
François Xavier Legrand, Université Paris Saclay, France

Short talks: Excipients and raw materials

- 10:00 - Suitability Study on Microcrystalline Cellulose for
10:20 Tablets Containing Pressure-Sensitive Substances
Tomohisa Fujisawa, Asahi Kasei Corporation, Noboeoka, Japan
- 10:20 - A nitrosamine calculation tool to support risk
10:40 mitigation
Sara Fathollahi, DFE Pharma, Germany
- 10:40 - Croscarmellose-sodium as pelletization aid - the
11:00 role of multivalent cations
Finn Siebel, Heinrich Heine University, Düsseldorf, Germany

Short talks: Physical pharmacy and preformulation

- 09:00 - The enigmatic world of hydrochlorothiazide:
09:20 polymorphs and their phase interconversions
Inês Martins, University of Copenhagen, Denmark
- 09:20 - Development of an oral liquid formulation of
09:40 ONC201 to limit its degradation and increase its aqueous solubility
Maxime Annereau, Gustave Roussy Cancer Campus, Villejuif, France
- 09:40 - Nucleation of celecoxib glass: Determination of
10:00 nucleation temperature and impact of nuclei on dissolution/physical stability performances
Kohsaku Kawakami, National Institute for Material Science, Tsukuba, Japan

Short talks: Quality control and PAT

- 10:00 - Real-time particle size measurement during
10:20 fluidized bed processes using a convolutional neural network-based endoscopic imaging system
Orsolya Péterfi, Budapest University of Technology and Economics, Budapest, Hungary
- 10:20 - Digital Real-time Release Testing in Continuous
10:40 Tablet Production Lines
Selma Celikovic, Research Center Pharmaceutical Engineering GmbH, Graz, Austria
- 10:40 - Influences of process parameters on the wet film
11:00 thickness in continuous manufacturing of oral films
Leonie-Lara Dorothea Uth, Heinrich Heine University, Düsseldorf, Germany

11:00 - 11:30 Coffee break/exhibition/posters

11:30 - 12:00 APGI award session

Plenary lecture

- 12:00 - Observations which might inspire drug delivery
13:00 scientists for guiding bio-therapeutics over biological barriers
Stefaan de Smedt, University of Ghent, Belgium

13:00 - 15:00 Lunch break/exhibition/posters

Invited talks: Continuous manufacturing & PAT

- 15:00 - Continuous Manufacturing of Oral Solid Dosage
15:40 Forms: what's next?
Bart Nitert, Janssen R&D, Beerse, Belgium
- 15:40 - Innovative continuous pharmaceutical technologies
16:20 supported by AI and machine vision
Zsombor Kristóf Nagy, University of Budapest, Hungary
- 16:20 - CPV 4.0: An industrial app to enhance the CPV
17:00 (Continuous Process Verification)
Marc Ramoneda, Appliant – Apps GMP Compliant S.L., Spain

Invited talks: Cell therapies

- 15:00 - ATMPs on the move: overview and regulatory
15:40 perspective
Ralf Sanzenbacher, Paul Ehrlich Institute, Germany
- 15:40 - Ex vivo CAR-T cell concept & regulatory
16:20 considerations
Sergio Fracchia, Novartis, Switzerland
- 16:20 - In vitro and in vivo delivery kinetics of ionizable
16:40 lipid nanoparticles encapsulating TNF- α siRNA and their efficacy on inflammatory models
Qinglin Wang, University of Paris-Saclay, France
- 16:40 - Anti-miRNA103/107 lipid nanoparticles for the
17:00 treatment of brain ischemic damage
Virginia Campani, University of Naples Federico II, Italy

Short talks: Bioavailability, absorption enhancement and in-vitro/in-vivo correlations

- 15:00 - Dissolution vs Solubility Mismatch in Intestinal
15:20 Buffer
Jozef Al-Gousous, Johannes Gutenberg University Mainz, Germany
- 15:20 - Novel simulated interstitial fluid media for
15:40 predictive subcutaneous in vitro assays
Iria Torres Terán, University of Greifswald/Sanofi Frankfurt, Germany
- 15:40 - In vitro Dissolution/Permeation tools to forecast
16:00 ASDs bioavailability: comparison and mechanistic insights
Patricia D. Nunes, Hovione Farmaciência S.A., Lisbon, Portugal

Short talks: Topical and transdermal delivery

- 16:00 - Design of a novel PVA/PVP/PEGdiacid-based
16:20 hydrogel-forming microneedle array patches for enhanced and sustained transdermal delivery of enfuvirtide
Huanhuan Li, Queen's University Belfast, United Kingdom
- 16:20 - Thermotropic liquid crystals: an intelligent strategy
16:40 for skin drug delivery
Mariia Nesterkina, Helmholtz Institute for Pharmaceutical Research Saarland, Saarbrücken, Germany

16:40 - Novel method for testing antimicrobial effectiveness of local drug-delivery systems
17:00 Kelli Randmäe, University of Tartu, Estonia

Short talks: Nanoparticles and Vesicles II

15:00 - Biomimetic vesicles for glioblastoma treatment
15:20 Giorgia Ailuno, University of Genoa, Italy

15:20 - Harnessing the potential of tissue-derived extracellular vesicle therapy for precision regenerative medicine
15:40 Peng Lou, West China Hospital of Sichuan University, China

15:40 - A novel multidrug nanoparticle formulation assessment in a cardiac ischemia reperfusion model
16:00 Natalie Lan Linh Tran, University of Paris Saclay and University of Namur, France

16:00 - Reproducible Synthesis of Biocompatible Albumin Nanoparticles Designed for Intra-Articular Delivery of Celecoxib to treat Osteoarthritis
16:20 Rumi Khandelia, University College Dublin, Ireland

16:20 - Microfluidic development of biomimetic hybrid nanoparticles for homologous-targeting and enhanced therapy of cancer
16:40 Ilaria Arduino, University of Bari, Italy

16:40 - Antioxidant-Based Nanoparticles Protect against Intracellular Reactive Oxygen Species in Neurological Disorders
17:00 Thelma Akanchise, University of Paris Saclay, France

19:00 - 00:00 Networking event dinner

Thursday, 21 March 2024

09:00 – 11:00	Invited talks	Short talks	Posters	Exhibition
11:00 – 11:30	Coffee break			
11:30 – 12:00	Award session			
12:00 – 13:00	Plenary lecture			
13:00 – 15:00	Lunch			
15:00 – 17:00	Invited talks	Short talks		

Invited talks: Nucleic acid based drugs and vaccines

09:00 - Targeted lipid nanoparticles with RNAs are going beyond the liver: from vaccines to therapeutic genome editing
09:40 Dan Peer, University of Tel Aviv, Israel

09:40 - mRNA drugs: an industrial perspective
10:20 Carla Atallah, Sanofi, France

10:20 - Extrahepatic delivery of siRNA, a theranostic approach
11:00 Ick Chan Kwon, Institute of Science and Technology, Korea University, Korea

Invited talks: Local drug delivery

09:00 - Drug targeting to the esophagus
09:40 Christoph Rosenbaum, University of Greifswald, Germany

09:40 - Recent advances in drug-releasing vaginal rings
10:20 Karl Malcolm, Queen's University of Belfast, UK

10:20 - Nanofibers as a local delivery system for vaginal probiotics
10:40 Spase Stojanov, Institute of Jožef Stefan, Ljubljana, Slovenia

10:40 - Contact lenses that self-generate gold nanoparticles for light filters and photothermal therapy
11:00 Carmen Alvarez-Lorenzo, University of Santiago de Compostela, Spain

Short talks: 2D/3D printing

09:00 - Development of a 3D-printed polypill for breast cancer management
09:20 Lucas Denis, Gustave Roussy Cancer Campus, Villejuif, France

09:20 - Free-d Molding - Every Idea Deserves a Prototype
09:40 Daniel Treffer, MeltPrep GmbH, Graz, Austria

09:40 - Development of an enteric (delayed-release) formulation for semi-solid extrusion 3D printing
10:00 Krstiine Roostar, University of Tartu, Estonia

10:00 - Combining two different 3D printing processes for the production of Donepezil-coated microneedle arrays
10:20 Paraskevi Kyriaki Monou, Aristotle University of Thessaloniki, Greece

10:20 - Development of 3D printed bioadhesive films containing different types of propolis extractive solutions
10:40 Marcos Luciano Bruschi, State University of Maringa, Brazil

10:40 - Direct extrusion of cyclodextrin-based powders to produce customized pharmaceutical dosage forms by 3D printing
11:00 Nunzio Denora, University of Bari Aldo Moro, Italy

Short talks: Oral Delivery

09:00 - Unexpected release behavior of copovidone-based ASDs
09:20 Dominik Borrmann, TU Dortmund University, Germany

09:20 - Solubility enhancement of PROTACs via Spray drying with Polyvinyl alcohol
09:40 Lena Mareczek, Merck Life Science KGaA, Darmstadt, Germany

09:40 - Exploring oral device-based in situ amorphization of poorly soluble small molecule drugs
10:00 Maria Pereverzina, University of Copenhagen, Denmark

Short talks: In vitro and In vivo assessment of oral dosage forms

10:00 - Visualisation of the "Magenstrasse" using Realtime Magnetic Resonance Imaging
10:20 Linus Großmann, University of Greifswald, Germany

10:20 - Device for simultaneous dissolution and permeation measurement
10:40 David Zuza, University of Chemistry and Technology of Prague, Czech Republic

10:40 - Impact of stabilizers in solid nanocrystal formulations on particle size and dispersion behavior in biorelevant media
11:00 Julius Sundermann, Abbvie Deutschland GmbH & Co. KG, Ludwigshafen, Germany

11:00 - 11:30 Coffee break/exhibition/posters

11:30 - 12:00 ADRITELF award session

Plenary lecture

12:00 - 13:00 - Hyaluronic acid in targeted drug delivery. What we understand, what we do not understand, and what we do not even know we do not understand
Nicola Tirelli, Italian Institute of Technology, Italy

13:00 - 15:00 Lunch break/exhibition/posters

Invited talks: Patient-focused drug delivery

15:00 - 15:40 - Why and how introduce patient centered approaches in pharmaceutical product development
Leonie Wagner, Hoffmann-La Roche, Switzerland

15:40 - 16:20 - Filling the deltas in patient-centric drug development
Sven Stegemann, Leibniz JointLab fIT, Germany

16:20 - 16:40 - Automated Medication Management: Empowering Adherence through "Robo-Pharmacist" Technology
Erik Sonntag, University of Chemistry and Technology of Prague, Czech Republic

16:40 - 17:00 - 3D printing of personalized medicines in a hospital setting for children affected by rare metabolic disorders
Paola Carou-Senra, University of Santiago de Compostela, Spain

Invited talks: Bio-barriers and alternative routes of administration

15:00 - 15:40 - Oral delivery strategies based on nanoparticles for biologics
Juan M. Irache, University of Navarra, Spain

15:40 - 16:20 - The impact of lung epithelial transporters on pulmonary drug delivery
Carsten Ehrhardt, Trinity College Dublin, Ireland

16:20 - 17:00 - Nasal delivery for effects in the brain: it works
Ben Forbes, Kings College London, United Kingdom

Short talks: Controlled drug delivery

15:00 - 15:20 - Subcutaneous long-acting risperidone implants for schizophrenia treatment
Eneko Larraneta, Queen's University Belfast, United Kingdom

15:20 - 15:40 - HA-Glucose, a hyaluronan-based hydrogel to feed mesenchymal stem cells delivered for osteoarthritis therapy
Paula Gonzalez Fernandez, University of Geneva, Switzerland

15:40 - 16:00 - Thermosensitive in situ gelling poloxamers/hyaluronic acid gels for ocular delivery
Laura Mayol, University of Naples Federico II, Italy

Short talks: Buccal and nasal and pulmonary delivery

16:00 - 16:20 - Intranasal nose-to-brain delivery of a monoclonal antibody with a controlled release drug delivery system: proof-of-concept and pharmacokinetic studies in mini pigs
Katharina Schindowski Zimmermann, Biberach University of Applied Sciences, Germany

16:20 - 16:40 - Combining microneedles with electrospun mucoadhesive patches to improve buccal transmucosal drug delivery
Cerys Evans, University of Sheffield, United Kingdom

16:40 - 17:00 - RNhale - a dry powder platform technology for Pulmonary RNA delivery
Leonie DeBlöch, Ludwig Maximilians University of Munich, Germany

Short talks: Parenteral Delivery

15:00 - 15:20 - Release of insulins using IVR cartridge as model for subcutaneous tissue: medium effects and albumin binding
Jesper Ostergaard, University of Copenhagen, Denmark

15:20 - 15:40 - Novel thermo-sensitive oleogels as long acting injectables for the delivery of hydrophilic drugs
Valeria Tamburrini, University of East Anglia, United Kingdom

15:40 - 16:00 - Exploring bottom-up approaches towards long-acting injectable suspensions
Sarah Hudson, University of Limerick, Ireland

Short talks: Protein formulations

16:00 - 16:20 - A versatile platform for orthogonal analysis of protein physical stability in multiwell plates
Michaela Cohrs, University of Ghent, Belgium

16:20 - 16:40 - Single-Step Freeze-Drying of Protein Formulations
Elena Richert, Ludwig-Maximilians-University of Munich, Germany

16:40 - 17:00 - The Viscosity Reduction Platform: Enabling High-concentration and Low-viscosity Protein Formulations
Can Araman, Merck Life Science KGaA, Darmstadt, Germany

17:00 End of conference

Programme subjected to changes!

Poster sessions on Tuesday

09:00 - 17:00

- Oral delivery
- Controlled drug delivery
- Parenteral delivery
- Bioavailability, absorption enhancement and in-vitro/In-vivo correlations
- Physical pharmacy and preformulation
- Excipients and raw materials
- Gene and advances therapy products
- Pediatric and geriatric drug delivery and gender medicine

Poster sessions on Wednesday

09:00 - 17:00

- Protein formulation
- 2D/3D printing
- Buccal and nasal delivery
- Pharmaceutical manufacturing and engineering
- Pulmonary delivery
- Packaging
- Miscellaneous

Poster sessions on Thursday

09:00 - 17:00

- Nanoparticles and vesicles
- Continuous manufacturing
- Topical and transdermal delivery
- Advanced drug delivery systems
- Microbiome and drug delivery
- Green & sustainable pharma
- Stability testing
- Quality control and PAT

Chairs and committees

Local chair of the conference

Prof. Lea-Ann Dailey, University of Vienna, Austria

Co-chairs of the conference

Prof. Jörg Breitzkreutz, University of Düsseldorf, Germany

Prof. Paolo Caliceti, University of Padova, Italy

Prof. Juergen Siepmann, University of Lille, France

Chair of the programme committee

Dr. Mauro Di Stefano, CSL Behring AG, Switzerland

Programme committee

Prof. Ruggero Bettini, University of Parma, Italy

Prof. Jörg Breitzkreutz, University of Düsseldorf, Germany

Prof. Paolo Caliceti, University of Padova, Italy

Prof. Lea-Ann Dailey, University of Vienna, Austria

Dr. Mauro Di Stefano, CSL Behring AG, Switzerland

Prof. Vincent Faivre, University of Paris-Saclay, France

Dr. Vasco Filipe, Sanofi, France

Dr. Alexandre Gil, Gattfossé, France

Prof. Sandra Klein, University of Greifswald, Germany

Prof. Juergen Siepmann, University of Lille, France

Abstract submission

Deadline for abstract submission:

submission closed

Abstracts Submitted abstracts will be presented either orally as short talk or as poster presentation on one day from 19 - 21 March 2024.

Acceptance of abstracts Authors have been notified of acceptance of their submitted abstract and the type of presentation (oral or poster) on Thursday, 14 December 2023, in the afternoon by email.

Authors also have the possibility to view the status of their abstract using the function "status of your abstract" on our website.



Social programme

Welcome reception

The welcome reception will be held on

Monday, 18 March 2024 from 17:30 - 19:00 h.

Enjoy a glass of wine while networking with old and new friends or strolling around the industrial exhibition ResearchPharm® in the congress centre.

Gala dinner

Join us for our unmissable social networking gala dinner at the charming event location „HOFBURG Vienna“.

The doors will be open for you

on Wednesday, 20 March 2024 from 19:00/20:00 - 00:00 h (entrance from 19:00 h).

The HOFBURG Vienna is accessible within walking distance in the city centre of Vienna.

Experience Vienna on a traditional exclusive level and establish contacts in a relaxed atmosphere. Taste the variety of traditional Austrian food with a seated three-course dinner menu.




We invite you to join this
state-of-the-art industrial exhibition

Coffee breaks, welcome reception as well as the event dinner are included in the registration fee. Coffee breaks and welcome reception will be integrated in the exhibition/poster area to create as much traffic around your booth as possible.

It's easy to book a booth at the ResearchPharm®. Just fill in the booking form, which you will find on our website www.researchpharm.org and send it to us.

Your contact for further information is:
Valentina Marinkova

 + 49 6131 97 69 40

 vm@apv-mainz.de

NEW: exhibitor stage
side programme with short talks
will be announced soon

Gain direct access to the delegates of the PBP World Meeting through enhanced visibility and exposure to attract new business. Are you interested in knowing more about our sponsoring opportunities for the PBP World Meeting? Let's get in touch and find out what might be most suitable for your business development goals.

For more information on sponsoring options contact Anna to learn more about our sponsoring and tailor-made packages.

Your contact for further information is:

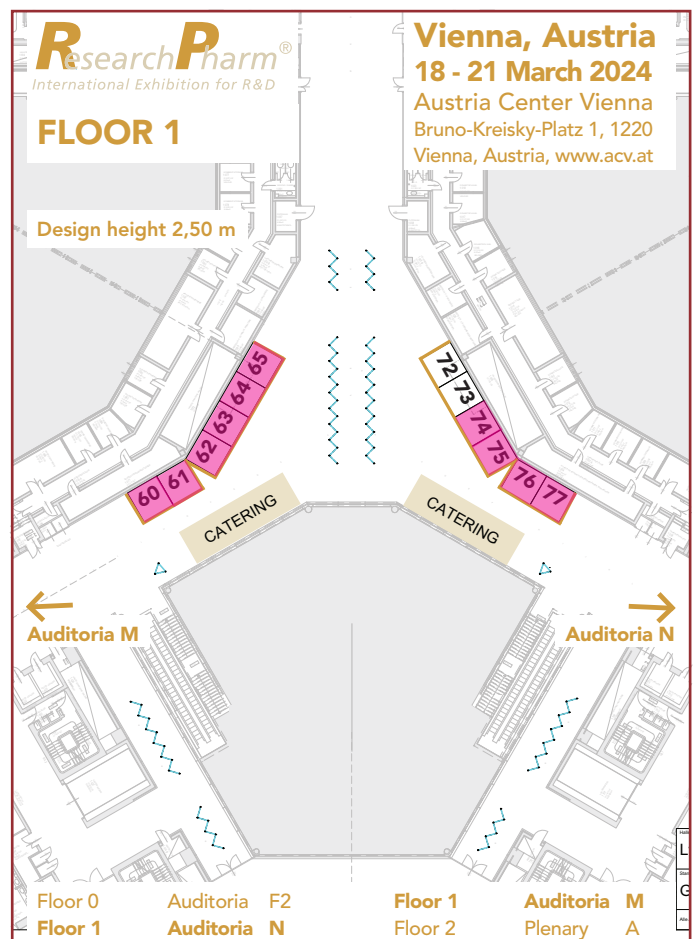
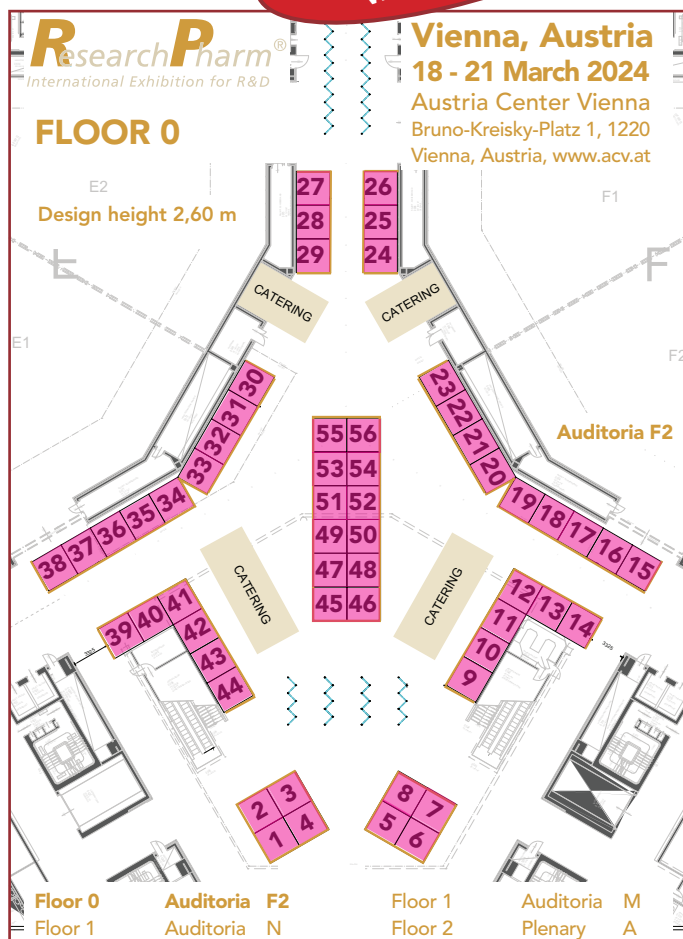
Anna-Maria Pötzl

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FLOORPLAN



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